

TENDER DOCUMENT
(Tender No DPAR 22 EGM 2010 for supply of IRIS identification devices)

Tender Document for the supply of IRIS identification devices

DPAR(E-Governance)
Government of Karnataka,
Room No 108, 1st Floor , MS Building,
Bangalore-01, Karnataka.

I. Introduction

Attendance Monitoring System (AMS) has been implemented in the Karnataka Government Secretariat from the year 2000, to improve the punctuality of the employees. Fifty Biometric identification devices have been installed in Vidhana Soudha, Vikasa Soudha and M.S Building. There are some problems faced by the biometric devices.

1. It does not recognize the finger prints of few employees whose finger prints are worn out.
2. During winter, the device does not recognize finger print of few employees.

Though the percentage of finger prints not recognized by the biometric device is less, it is decided to provide an alternative IRIS identification for these employees.

II. Scope of Work:

The vendor should:

1. Supply install, test commission and maintain **four** IRIS identification devices in Vidhana Soudha, Vikasa Soudha and M.S.Building, with the specification as mentioned in the Annexure-1.
2. New cabling/wiring to connect the IRIS identification devices to the computer.
3. The system should work both in standalone mode (i.e even when the server is down the IRIS identification devices should be able to register the eye and when the server comes data should get uploaded to server) as well as in the online mode (i.e directly data gets registered to server).
4. The vendor should supply the SDK/API along with the IRIS identification hardware as a bundled package, and will provide the upgrades if any till the 36 months maintenance period.
5. Maintain IRIS identification device for three years on site, which can be extended by another 24 months after the 36 months, at Government's discretion.
6. These four IRIS identification devices installed in Vidhana Soudha, Vikasa Soudha and M.S.Building should be able to download the attendance data to a common server.
7. The IRIS device should be able to capture single eye image (left or right eye) or both the eye image.

III. Acceptance Testing

The acceptance test will be done by the successful bidder as per the plan proposed by the bidder and agreed by Government. The vendor has to show the successful installation and provide the attendance data in a format prescribed by Govt. and other parameters as per specification mentioned in this RFP. All expenses for acceptance of the system shall be borne by the vendor.

IV. Security and Safety:

1. The IRIS image captured should be stored in encrypted form so that it is protected from being misused.
2. The flexi time software or any attendance information belongs to Govt. should not be reused elsewhere without permission of the Government
3. Proper safety to the IRIS readers (from being damaged through external forces or from theft) to be provided.

V. Existing Attendance Monitoring Architecture

There are about fifty biometric devices connected over the Local Area Network. The readers are installed in M.S.Building, Vidhana Soudha and Vikasa Soudha. The attendance data from these readers are downloaded to a system in the M.S.Building. Another loop is connecting all readers in Vidhana Soudha. The Attendance Monitoring System is running on:

Windows 2000 Server

IIS5.0

MS SQL Server 2000

The application is running on SQL server at the backend and ASP at the front end making it possible to monitor the attendance through intranet/ internet.

VI. QUALIFICATIONS CRITERIA

The bidder shall possess the following qualifications as minimum conditions.

- i. The bidder shall be OEM or authorized dealer having office and service support in the city of Bangalore.
- ii. The bidder should have an average annual turnover of at least Rs.50 lakhs per year during the last 3 years.
- iii. The bidder shall be in the field of Sales, Service and Support of IRIS identification devices.

- iv. Bidder shall be a registered company and should be a licensed dealer of the product (Manufacturers' Authorization Form (MAF) shall be provided as per the format in Annexure -3)
- v. Bidder should have implemented at least one project on Biometric/IRIS based Attendance Monitoring System with in any State/Central Govt or PSU or Defence.

All the above Eligibility Criteria must necessarily be supported by relevant documentation such as purchase order copies, annual reports etc.

VII. Quotation Procedure

The quotation will be a two cover system. First cover will have the pre qualification details as per Annexure 1 and the second cover shall contain the commercial details detailed in Annexure 2.

- 1. Platform for the Quotation:** Only vendors registered under the e-procurement platform should apply for the quotation. For further details please refer to e-Procurement website – www.eproc.karnataka.gov.in. (Please contact the e-procurement help desk number: 080-22485867/22485927 for any assistance)
- 2. Technical Specification:** The technical specification for the IRIS identification device is given in Annexure 1.
- 3. Location of offices to which IRIS identification devices has to be delivered:** The vendor has to install the IRIS identification devices in Vidhana Soudha, Vikasa Soudha and MS Building.
- 4. Procurement Entity:** E-Governance will act as the procurement entity and it will be responsible for Service Level Agreement (SLA) monitoring and for bill payments.
- 5. Warranty:** The warranty requirement is three years from date of Acceptance.
- 6. Service Level Agreement(SLA) :** During the warranty period SLA will be applicable as below

SL No	Services	Time Limit
1	Service support should be available on all the working days of the Govt.	Sundays and General Holidays are excluded
2	Time limit for servicing or replacing the systems	Within 3 days (excluded Holidays)
3	If the vendor fails to service/replace the unit	An amount equivalent to 5% the quoted/ accepted price of the equipment per week will be charged as penalty to the vendor

- 7. Performance Bank Guarantee:** Successful vendor shall submit a bank guarantee, amounting to 25% of the total purchase value of the items for which contract has been awarded. The Bank Guarantee shall be valid for a period of 38 months from the date of purchase order.
- 8. Payment Terms:** E-Governance department will make payment to vendors within 15 days on installation.
- 9. Delivery Timelines:** Vendors shall deliver and install of the items within 2 weeks after the purchase order is issued. For every week delay in supply of the system/s 2% of the accepted price will be deducted.
- 10. Technical Bid Format:** The technical bid will have to include the following:
- Confirmation that the IRIS identification devices quoted by vendors meet minimum or exceed technical specifications given in Annexure 1 of the quotation.
- 11. Bid Processing Fee:** Each bidder shall pay Rs.550 as bid processing fee through any of the four e-Payment options only:
1. Credit Card
 2. Direct Debit
 3. National Electronic Funds Transfer (NEFT)
 4. Over the Counter (OTC) – designated axis bank branches located across the country
- Please note that payments submitted through cheque or demand draft shall not be accepted. Further details regarding e-Payment, please refer to e-Procurement website – www.eproc.karnataka.gov.in
- 12. Earnest Money Deposit (EMD):** Each bidder shall pay Rs. 50,000 (Rupees Fifty thousand only) as the Earnest Money Deposit through any of the four e-Payment options only:
5. Credit Card
 6. Direct Debit
 7. National Electronic Funds Transfer (NEFT)
 8. Over the Counter (OTC) – designated axis bank branches located across the country
- Please note that payments submitted through cheque or demand draft shall not be accepted. Further details regarding e-Payment; please refer to e-Procurement website – www.eproc.karnataka.gov.in
- 13. Technical Bid Evaluation:** E-Governance department will evaluate whether the items proposed by vendors meet the technical specifications given in the quotation (Annexure 1).
- 14. Commercial Bid Format:** Vendors shall quote all-inclusive price (i.e. price inclusive of taxes, transportation and all other expenses) for delivery and installation per item. The break-up of the cost for IRIS identification device should be filled in Annexure-2 format. The all-inclusive price inputted directly in the e-Procurement portal will be taken as the basis for evaluation of commercial bids.

15. Commercial bid evaluation: The commercial quotes submitted by technically qualified vendors will be opened and the vendor who has quoted the lowest all-inclusive price after deducting the rates for old IRIS identification device would be termed as L1 price.

16. Awarding the contract: The vendor who quoted lowest price (L1 price) as described in para 15 above will be awarded the contract.

17. DPAR(E-Governance) reserves the right to cancel the tender, without assigning any reasons.

18. Calendar of events: The following is the schedule of the Quotation related events:

- | | |
|--|---------------------|
| 1. Last date for submission of Quotation | 06/03/2010, 3.00PM |
| 2. Date and time of pre-bid meeting | 03/03/2010, 4.00PM |
| 3. Date & time of opening of Technical bids | 09/03/2010, 3.00PM |
| 4. Date and time for demonstration of the IRIS device
(Venue: Training Room no 2, DPAR (e-Governance), 1 st Floor, M.S. Building, Gate-2, Bangalore – 1) | 10/03/2010, 11.00AM |
| 5. Date & time of opening of Financial bids | 11/03/2010, 3.00PM |

19. Clarifications: For further clarifications, it is requested to contact:

Sri. Gangadhar.N. Datanal, Senior Programmer, **DPAR (e-Governance)**, Room 134, 1st Floor, M.S. Building, Gate-2, Bangalore – 1, Phone: 080-2203 2003

Annexure – 1

SL.N O	Technical Specifications		Compliance Status Yes/No
1	General		
	Power	12V DC / 5A	
	Max. Power Consumption	24W-40W	
	Operating Temperature	0 to 40 deg. C	
	Operating Humidity	30 to 90%	
	Communication Interface	Ethernet, Weigand, RS-485, RS-422	
	Network	10 Base-T/100 Base-TX (Auto negotiation)	
	Network Protocol	TCP/IP	
	Dual Mirror Configuration	The iris reader shall have dual mirror configuration to make easy eye alignment. The two mirrors shall be mounted on the front panel of the Iris Reader	
	Audio visual Guidance	To adjust the camera for the most optimal eye distance, the Iris Reader shall employ both voice instructions and a distance indicator lamp guide to achieve correct capture position.	
	Access log search by time	The Iris Recognition System shall able to search the access log of a specific user for the specified time, using the time of image capture stored in the Iris Reader.	
	_Software Applications	The administration software shall be able to support different user limits & users through user licenses to enable to obtain required user licenses.	
	Rotating Angle	+30 degree /-20 degree	
	Weight	< 2.5 Kgs	
2	Input / Output		
	Recognition start trigger input	0 to 5V, 24mA (Max), Pulse width: 200ms or more	
	Recognition result Output	Normally Open, Pulse Width: 0.1s to 60s, 24V DC	
	Audio Output	Stereo mini plug	
	High speed serial interface	Numeric Key, External memory	
3	Functions		
	Iris Recognition time	Approx. 0.3 seconds (After iris image capturing)	
	Eye image capturing range	Approx. 30 to 40 cm between the eyes and the mirror	
	Total number of Users	Standalone Mode: 50 Users: Network Mode:> 5000 Users: Iris Server: >10000 Users	
	Voice Guidance	Available in English. Three selectable settings, Mute, Simple and Full voice guidance & should support multiple languages, and customers can also record their own voice messages.	
	Distance Indicator	Lighting of the lamp to indicate proper distance	
	Live Indicator	Selectable: On, Blinking or Off	
	Security	Tamper Switch, Iris data encryption	
	False Acceptance Rate(FAR)	1:1.2 million	
	False Rejection Rate(FRR)	<1%	
	Eye protection	-Electrical and Electronic design should meet the international code requirements. -The optics and subtle produced by IRIS product should be well within UL and ANSI eye safety standards.	

Annexure – 2

Vendors shall quote all-inclusive prices (i.e. price inclusive of taxes, transportation and all other expenses) for delivery and installation per item.

Table : Commercial Bid Format		
SL NO	Item	Unit Rate (Inclusive of all price)
1	Rate for IRIS Identification device including necessary downloading software.	

Note: The bidder should quote the above TOTAL) amount in e-procurement portal in the option of “Item wise bid financial offer” and same should be uploaded as a financial document in “upload bid document” option.

Manufacturer's Authorization Form

(Manufacturer AuthorizationForm) Date:

Ref Number:

**Principal Secretary,
DPAR (e-Governance),
e-Governance Department, Multi Storied Building
Dr. B. R. Ambedkar Road
Bangalore**

e-mail: prsegv@gmail.com

Dear Sir/Madam

SUB: Procurement of xxxxxxxxxxxx/Tender Reference no.: dated

We authorize M/s **XYZ** to offer their quotation, negotiate and conclude the contract with you against the above invitation for tender offer.

We hereby extend our full guarantee and warranty as per terms and conditions of the tender and or the contract for the equipment and services offered against this invitation for tender offer by the M/s **XYZ** We hereby commit to the tender terms and conditions and will not withdraw our commitments during the process and or the period of contract.

Yours Faithfully,

for "Company Name"

"Name of the person"

"Designation"

Authorized signatory of the manufacturer/Developer of the proposed solution components

(Seal, Name & Signature)